

## **CLAIMS**

### **What is claimed is:**

1. An electrically conductive paste comprising at least one conductive powder selected from copper powder, nickel powder, copper-nickel alloy powder, and mixtures thereof; a glass frit which is free of lead, cadmium and bismuth, and which has a softening point of 530 to 650°C, a coefficient of thermal expansion of 9.0 to 11.5 ppm/°C wherein the powder and glass frit are dispersed in an organic medium.
2. The conductive paste of claim 1, wherein the glass frit is a borosilicate alkaline earth glass containing, based on the weight of the oxides therein, 30 to 60% of BaO + SrO, 20 to 45% of B<sub>2</sub>O<sub>3</sub> + ZnO + Na<sub>2</sub>O, and 0 to 7% of Na<sub>2</sub>O.
3. The conductive paste of any one of claims 1 or 2 containing 55.0-85 wt % inorganic solids, comprising powder and frit, wherein 5-20 wt % is glass frit.
4. The conductive paste of any one of Claims 1-3 wherein said organic medium comprises methyl methacrylate and butylcarbitolacetate.
5. The use of the conductive paste of any one of Claims 1-4 as a terminal electrode composition for multilayer capacitors.
6. A method of forming a terminal electrode comprising:
  - (a) forming the conductive paste of any one of Claims 1-4;
  - (b) coating the composition of (a) onto a terminal electrode-forming site of a multilayer capacitor; and
  - (c) firing the multilayer capacitor in (b) to form a finished terminal electrode.

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7. A multilayer capacitor utilizing the conductive paste of any one of Claims 1-4.